

Title (en)
Optical recording medium.

Title (de)
Optisches Aufzeichnungsmedium.

Title (fr)
Milieu d'enregistrement optique.

Publication
EP 0321704 A2 19890628 (EN)

Application
EP 88119274 A 19881119

Priority
• JP 2212288 A 19880203
• JP 5836388 A 19880314
• JP 29217487 A 19871120

Abstract (en)
An optical recording medium, particularly a magneto-optical recording medium, resistant to oxidation deterioration even in a hot and humid atmosphere, is provided by forming an organic protecting adhesive layer (4) of a UV-cured resin having an acid value of not more than 1.5; and a softening point of not less than 50 DEG C. The UV-cured resin layer comprises 15 to 85% by weight of acrylate and/or methacrylate having at least three functionalities; 15 to 70% by weight of a compound having a linear structure and having a molecular weight of at least 300, the compound preferably having at least one ethylenically unsaturated bond and a molecular weight of at least 150 per ethylenically unsaturated bond; and a photopolymerization initiator.

IPC 1-7
G11B 7/24; G11B 11/10

IPC 8 full level
G11B 7/24053 (2013.01); **G11B 7/2542** (2013.01); **G11B 11/105** (2006.01); **G11B 7/243** (2013.01); **G11B 7/253** (2006.01); **G11B 7/2534** (2013.01); **G11B 7/257** (2013.01)

CPC (source: EP US)
G11B 7/24053 (2013.01 - EP US); **G11B 7/2542** (2013.01 - EP US); **G11B 11/10586** (2013.01 - EP US); **G11B 7/252** (2013.01 - EP US); **G11B 7/2534** (2013.01 - EP US); **G11B 7/256** (2013.01 - EP US); **G11B 2007/24306** (2013.01 - EP US); **G11B 2007/25706** (2013.01 - EP US); **G11B 2007/25708** (2013.01 - EP US); **G11B 2007/2571** (2013.01 - EP US); **G11B 2007/25713** (2013.01 - EP US); **G11B 2007/25715** (2013.01 - EP US); **G11B 2007/25716** (2013.01 - EP US); **Y10S 428/90** (2013.01 - EP US); **Y10S 430/146** (2013.01 - EP US); **Y10T 428/31699** (2015.04 - EP US)

Cited by
US6162493A; EP0923071A1; EP0586990A3; AU744670B2; EP0419295A3; CN110573968A; EP0729141A3; CN1091922C; EP0507633A3; US5300558A; US6312484B1; US6503593B2; US6238449B1; WO0037218A1; WO0126107A3; WO0142200A1; WO0037219A1

Designated contracting state (EPC)
DE FR GB NL

DOCDB simple family (publication)
EP 0321704 A2 19890628; EP 0321704 A3 19900822; EP 0321704 B1 19940119; DE 3887304 D1 19940303; DE 3887304 T2 19940811; US 5053288 A 19911001

DOCDB simple family (application)
EP 88119274 A 19881119; DE 3887304 T 19881119; US 27344088 A 19881118